



# Air Resources Board



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

**Mary D. Nichols, Chair**  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731 • [www.arb.ca.gov](http://www.arb.ca.gov)

**Edmund G. Brown Jr.**  
Governor

November 21, 2016

Reference Number: CIHD-2016-077

Mr. Patrick Duan  
Vice President of Operation  
BYD Motors Inc.  
1800 S. Figueroa Street  
Los Angeles, California 90015

Dear Mr. Duan,

This letter is in response to the request by BYD Motors Inc. (BYD) to the Air Resources Board (ARB) to approve a 2017 model year heavy-duty electric vehicle manufactured by BYD. The vehicle model is BYD electric bus 40 ft in engine family HBAI10000K91. This heavy-duty electric vehicle is designed as an electric bus and does not use any on-board fuel-fired heaters or auxiliary motors that would emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB is required to certify all on-road vehicles. The certification protocol and test procedures for zero-emission heavy-duty vehicles (HD-ZEV) with gross vehicle weight rating (GVWR) above 14,000 pounds are in the development process. ARB encourages BYD to participate in the regulatory process to formulate the certification protocols and test procedures for HD-ZEV. Prior to the finalization and adoption of HD-ZEV certification protocols and test procedures, heavy-duty electric vehicles may be approved for sale in California based on the manufacturer demonstrating that the vehicles do not emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB has determined that the information submitted by BYD demonstrates that the vehicle model listed above does not emit any vehicle exhaust emissions or fuel-based evaporative emissions. Therefore, this letter approves the above listed vehicle model as an electric heavy-duty vehicle that can be sold in California provided all vehicles are produced during the 2017 Model Year production period.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.  
For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*


California Environmental Protection Agency

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If you have additional questions or comments regarding this matter, please contact  
Ms. Kimberly Pryor, Manager, at 626-575-6640 or by email at [kim.pryor@arb.ca.gov](mailto:kim.pryor@arb.ca.gov).

Sincerely,

  
for Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

cc: Ms. Kimberly Pryor, Manager  
Compression-Ignition and Heavy-Duty Certification Section  
Emissions Compliance, Automotive Regulations and Science Division



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November 21, 2016

Reference Number: CIHD-2016-076

Mr. Patrick Duan  
Vice President of Operation  
BYD Motors Inc.  
1800 S. Figueroa Street  
Los Angeles, California 90015

Dear Mr. Duan,

This letter is in response to the request by BYD Motors Inc. (BYD) to the Air Resources Board (ARB) to approve a 2017 model year heavy-duty electric vehicle manufactured by BYD. The vehicle model is BYD electric bus 60 ft in engine family HBAI10000K11. This heavy-duty electric vehicle is designed as an electric bus and does not use any on-board fuel-fired heaters or auxiliary motors that would emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB is required to certify all on-road vehicles. The certification protocol and test procedures for zero-emission heavy-duty vehicles (HD-ZEV) with gross vehicle weight rating (GVWR) above 14,000 pounds are in the development process. ARB encourages BYD to participate in the regulatory process to formulate the certification protocols and test procedures for HD-ZEV. Prior to the finalization and adoption of HD-ZEV certification protocols and test procedures, heavy-duty electric vehicles may be approved for sale in California based on the manufacturer demonstrating that the vehicles do not emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB has determined that the information submitted by BYD demonstrates that the vehicle model listed above does not emit any vehicle exhaust emissions or fuel-based evaporative emissions. Therefore, this letter approves the above listed vehicle model as an electric heavy-duty vehicle that can be sold in California provided all vehicles are produced during the 2017 Model Year production period.


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Sincerely,

  
FOR Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

cc: Ms. Kimberly Pryor, Manager  
Compression-Ignition and Heavy-Duty Certification Section  
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November 21, 2016

Reference Number: CIHD-2016-075

Mr. Patrick Duan  
Vice President of Operation  
BYD Motors Inc.  
1800 S. Figueroa Street  
Los Angeles, California 90015

Dear Mr. Duan,

This letter is in response to the request by BYD Motors Inc. (BYD) to the Air Resources Board (ARB) to approve a 2017 model year heavy-duty electric vehicle manufactured by BYD. The vehicle model is BYD electric coach, bus 45 ft in engine family HBAI10000C10. This heavy-duty electric vehicle is designed as an electric coach, bus and does not use any on-board fuel-fired heaters or auxiliary motors that would emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB is required to certify all on-road vehicles. The certification protocol and test procedures for zero-emission heavy-duty vehicles (HD-ZEV) with gross vehicle weight rating (GVWR) above 14,000 pounds are in the development process. ARB encourages BYD to participate in the regulatory process to formulate the certification protocols and test procedures for HD-ZEV. Prior to the finalization and adoption of HD-ZEV certification protocols and test procedures, heavy-duty electric vehicles may be approved for sale in California based on the manufacturer demonstrating that the vehicles do not emit any vehicle exhaust emissions or fuel-based evaporative emissions.

ARB has determined that the information submitted by BYD demonstrates that the vehicle model listed above does not emit any vehicle exhaust emissions or fuel-based evaporative emissions. Therefore, this letter approves the above listed vehicle model as an electric heavy-duty vehicle that can be sold in California provided all vehicles are produced during the 2017 Model Year production period.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

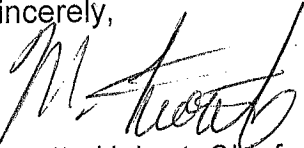
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